

Project Audit



Project:
Monopoloff

May 29, 2022



MONOPOLOFF

MULTICHAIN NFT GAME

+

Monopoloff

▶

Overview

This audit has been prepared for **Monopoloff** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
– SpyWolf Team

Smart Contract Summary

| | |
|---------------|--|
| Contract Name | Monopoloff |
| Ticker | MNG |
| Contract | 0x1b3d71803D2c24a2e862C2191Ee82a104f9b84Ce |
| Network | Binance smart chain |
| Language | Solidity |
| Tax | Buy: 15% Sell: 15% |
| Total Supply | 10,000,000 |
| Status | Not launched |

Current stats

| | |
|-------------|-------------------------|
| Lock 10 % | Unlocks in 17 days |
| Lock 10% | Unlocks in one month |
| Lock 10% | Unlocks in 2 months |
| Burn | No burnt tokens |
| LP Address | Liquidity not added yet |
| Liquidity | Liquidity not added yet |
| MaxTxAmount | 1,000,000 |

| Issues Checking Status | |
|--|----------|
| Design Logic | Passed ✓ |
| Compiler warnings. | Passed ✓ |
| Private user data leaks | Passed ✓ |
| Timestamp dependence | Passed ✓ |
| Integer Overflow and Underflow | Passed ✓ |
| Race conditions and Reentrancy. Cross-function race conditions | Passed ✓ |
| Possible delays in data delivery | Passed ✓ |
| Oracle calls | Passed ✓ |
| Front running | Passed ✓ |
| DoS with Revert | Passed ✓ |
| DoS with block gas limit | Passed ✓ |
| Methods execution permissions | Passed ✓ |
| Economy model | Passed ✓ |
| The impact of the exchange rate on the logic | Passed ✓ |
| Malicious Event log | Passed ✓ |
| Scoping and Declarations | Passed ✓ |
| Uninitialized storage pointers | Passed ✓ |
| Arithmetic accuracy | Passed ✓ |
| Cross-function race conditions | Passed ✓ |
| Safe Zeppelin module | Passed ✓ |
| Fallback function security | Passed ✓ |

Featured Wallets

| | |
|------------------|--|
| Owner address | 0x786B1d1DFEc12c3D063BB3Cdb7933579301BdCCc |
| Marketing wallet | 0x59249FE2E748EDED65131a7941e4d21AAdDCC7f2 |
| LP address | Liquidity not added yet |

Top 3 Unlocked Wallets

| | |
|-----------------|---------------|
| Wallet 1 (100%) | Same as owner |
|-----------------|---------------|

*Tokens are not distributed yet

Tokenomics

⚠ No information about tokens distribution in their website and socials.

Security Threats

Owner can change buy/sell fees up to 25% (combined buy+sell=50%).

```
function setBuyFees(uint taxFee, uint liquidityFee, uint marketingFee, uint burnFee) external onlyOwner() {
    require(taxFee.add(liquidityFee).add(marketingFee).add(burnFee)<=25, "Buy fees can't be above 25 percent.");
    _taxFeeBuy = taxFee;
    _liqFeeBuy = liquidityFee;
    _marketingFeeBuy = marketingFee;
    _burnFeeBuy = burnFee;
}

function setSellFees(uint taxFee, uint liquidityFee, uint marketingFee, uint burnFee) external onlyOwner() {
    require(taxFee.add(liquidityFee).add(marketingFee).add(burnFee)<=25, "Sell fees can't be above 25 percent.");
    _taxFeeSell = taxFee;
    _liqFeeSell = liquidityFee;
    _marketingFeeSell = marketingFee;
    _burnFeeSell = burnFee;
}
```

**⚠ Owner can change max transaction limit, but can't lower it than 1 token.
Value of 1 token can be less than fees associated with the transaction.**

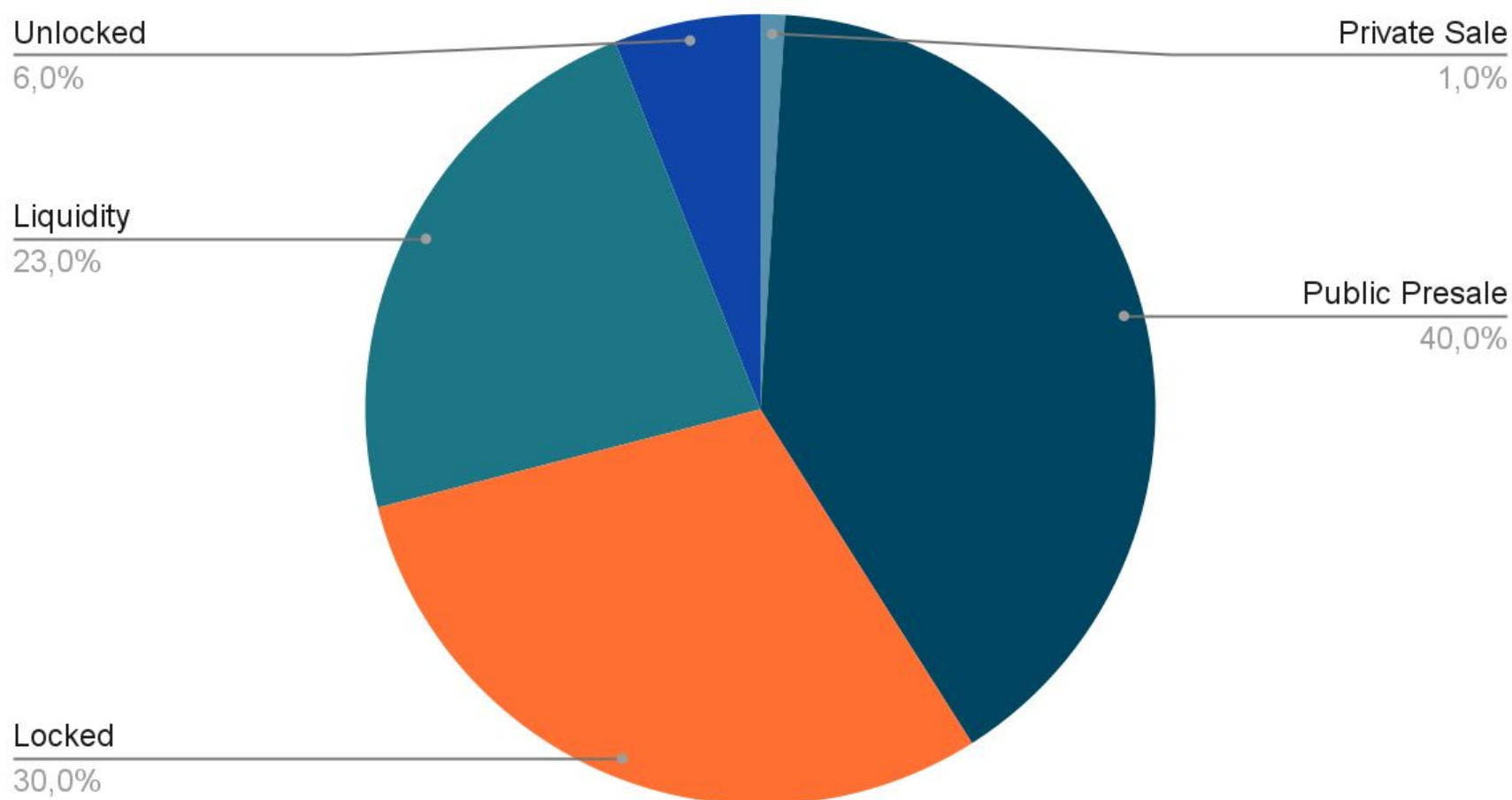
```
function setMaxTxAmount(uint256 maxTxAmount, uint256 decimal) external onlyOwner() {
    require(maxTxAmount > 0, "Cannot set transaction amount as zero");
    _maxTxAmount = maxTxAmount * 10**decimal;
}
```

Tokenomics

According to their website:

- 6% - Unlocked
- 23% - Liquidity
- 1% - Private Sale
- 40% - Public Presale

Tokens distribution



Monopoloff Project & Team Review

According to their whitepaper (medium page post):

Monopoloff will be P2E (play to earn) game based on NFTs.

Monopoloff bases its gameplay on two core elements: land and business.

Land determines what your total ability to generate income will be, while businesses generate income from \$MNG Token on a daily basis.

In the future, higher-level lands will have additional functionalities.

Each account has a limit of 2 useable Lands.

The number of businesses you can have will depend on your land, and you must take into account which most important businesses will occupy more slots.

Future project developments:

- NFT marketplace
- Lands auction
- Staking
- Gaming development

Monopoloff Project & Team Review

Team: KYC by SpyWolf

https://spywolf.network/assets/kyc/2022/may/KYC_Monopoloff_0x1b3d71803d2c24a2e862c2191ee82a104f9b84ce.png



Website Analysis

URL: <https://www.monopoloff.com/>

- **Design:** Single page design, unpleasant background images cut.
- **Content:** Very short. ⚠️
- **Whitepaper:** Explanatory, missing tokens distribution.
- **Roadmap:** Goals set at 3 phases with time frames.
- **Mobile-friendly?** No ⚠️
- **Technical:** SSL certificate present. General SEO check passed.



Social Media & Online Presence



Telegram

<https://t.me/monopoloff>

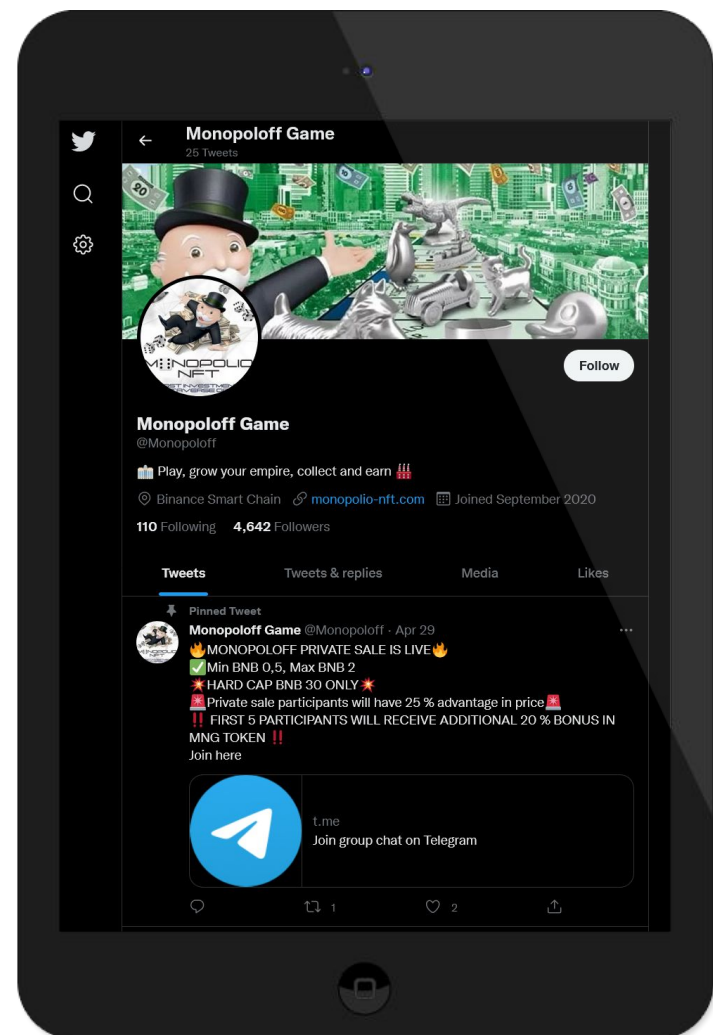
- 173 members
- Few active members ⚠️
- Active mods



Twitter

<https://twitter.com/Monopoloff>

- 4 632 Followers
- Few posts, not active. ⚠️



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: SpyWolf.co
- Portal: SpyWolf.network
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.